## MYSORE GOVERNMENT METEOROLOGICAL DEPARTMENT.

Daily Means of Observations for the week Sunday 26th September to Saturday 2nd October 1909.

| No | BANGALORE | Sunday 26 | Monday 27 | Tuesday 28 | Wednesday 29 | Thursday 30 | Friday 1 | Saturday 2 |
|---|---|---|---|---|---|---|---|---|
| 1 | Barometer red. to 32° F. ... ... ... | 26·877 | 26·902 | 26·889 | 26·839 | 26·807 | 26·872 | 26·912 |
| 2 | Daily Barometric range ... ... ... | ·121 | ·138 | ·139 | ·132 | ·128 | ·131 | ·100 |
| 3 | Mean Dry Temperature in shade ... ... | 76·1 | 73·9 | 76·3 | 72·1 | 74·7 | 75·0 | 73·7 |
| 4 | Maximum do ... ... | 85·1 | 84·5 | 85·2 | 78·6 | 82·7 | 84·1 | 82·9 |
| 5 | Minimum do ... ... | 67·1 | 64·6 | 68·5 | 68·2 | 67·6 | 67·0 | 65·6 |
| 6 | Daily range of do ... ... | 18·0 | 19·9 | 16·7 | 10·4 | 15·1 | 17·1 | 17·3 |
| 7 | Mean Wet Temperature in shade ... ... | 67·6 | 67·1 | 69·1 | 68·6 | 68·9 | 68·5 | 68·7 |
| 8 | Minimum do ... ... | 64·6 | 63·8 | 66·3 | 65·8 | 66·1 | 66·1 | 64·9 |
| 9 | Pressure of Aqueous Vapour ... ... | ·576 | ·572 | ·622 | ·687 | 656 | ·622 | ·667 |
| 10 | Humidity ... ... ... ... | 64 | 65 | 67 | 85 | 76 | 71 | 79 |
| 11 | Wind Vely. in Miles p. day to 8 A.M. ... ... | 207 | 180 | 150 | 174 | 152 | 139 | 103 |
| 12 | Mean Wind Direction ... ... ... | W S W | W | W b N | S W b W | W b S | W S W | N N W |
| 13 | Rainfall in inches to 8 A.M. ... ... | ... | ... | ... | ... | 0·45 | ... | 0·80 |
| 14 | Total Rainfall from 1st January ... ... | 32·40 | 32·40 | 32·40 | 32·40 | 32·85 | 32·85 | 33·65 |
| 15 | Per cent of Cloudy Sky ... ... | 70 | 50 | 70 | 100 | 80 | 73 | 93 |
| 16 | Character of Weather ... ... ... | Fine passing clouds | Fine passing clouds | Fine passing clouds | Distant thunder and lightning | Thunderstorm | Fine passing clouds | Thunderstorm |

715

## MYSORE GOVERNMENT METEOROLOGICAL DEPARTMENT.

Daily Means of Observations for the week Sunday 26th September to Saturday 2nd October 1909.

| No. | MYSORE | Sunday 26 | Monday 27 | Tuesday 28 | Wednesday 29 | Thursday 30 | Friday 1 | Saturday 2 |
|---|---|---|---|---|---|---|---|---|
| 1 | Barometer red. to 32° F. ... ... ... | 27·383 | 27·402 | 27·383 | 27·322 | 27·295 | 27·360 | 27·410 |
| 2 | Daily Barometric range ... ... ... | ·108 | ·132 | ·159 | ·151 | ·127 | ·128 | ·113 |
| 3 | Mean Dry Temperature in shade ... .. | 75·8 | 74·0 | 76·7 | 76·0 | 75·6 | 75·0 | 76·2 |
| 4 | Maximum do ... ... | 85·0 | 85·6 | 88·0 | 85·8 | 83·1 | 85·0 | 84·2 |
| 5 | Minimum do ... ... | 67·6 | 63·3 | 66·3 | 67·5 | 68·4 | 66·0 | 69·2 |
| 6 | Daily range of do ... ... | 17·4 | 22·3 | 21·7 | 18·3 | 14·7 | 19·0 | 15·0 |
| 7 | Mean Wet Temperature in shade ... ... | 67·8 | 66·9 | 68·9 | 68·8 | 69·2 | 68·2 | 71·0 |
| 8 | Minimum do ... ... | 66·0 | 62·8 | 66·0 | 66·3 | 67·3 | 65·4 | 68·6 |
| 9 | Pressure of Aqueous Vapour ... ... | ·568 | ·569 | ·615 | ·606 | ·627 | ·605 | ·700 |
| 10 | Humidity ... ... ... ... | 60 | 62 | 64 | 63 | 70 | 68 | 79 |
| 11 | Wind Vely. in Miles p. day to 8 A.M. ... ... | 233 | 191 | 151 | 164 | 175 | 164 | 122 |
| 12 | Mean Wind Direction ... ... ... | W b S | W b S | W | W b S | W b S | S W b W | W b S |
| 13 | Rainfall in inches to 8 A.M. ... ... ... | ... | ... | ... | 0·02 | 1·08 | ... | 0·04 |
| 14 | Total Rainfall from 1st January ... .. | 31·76 | 31·76 | 31·76 | 31·78 | 32·86 | 32·86 | 32·90 |
| 15 | Per cent of Cloudy Sky ... ... ... | 30 | 50 | 67 | 100 | 83 | 90 | 97 |
| 16 | Character of Weather ... ... ... | Fine | Fine | Fine | Cloudy | Gloomy | Cloudy | Dark ; gloomy |

## MYSORE GOVERNMENT METEOROLOGICAL DEPARTMENT.

Daily 8 A.M. Observations for the week Sunday 26th September to Saturday 2nd October 1909.

| No. | HASSAN | Sunday 26 | Monday 27 | Tuesday 28 | Wednesday 29 | Thursday 30 | Friday 1 | Saturday 2 |
|---|---|---|---|---|---|---|---|---|
| 1 | Barometer red. to 32° F. ... ... ... | 26·815 | 26·859 | 26·860 | 26·788 | 26·751 | 26·805 | 26·856 |
| 2 | Dry Temperature in shade .. | 69·3 | 69·5 | 69·9 | 69·2 | 69·0 | 69·5 | 69·5 |
| 3 | Maximum do .. | 81·4 | 81·5 | 83·4 | 80·3 | 80·5 | 83·6 | 81·4 |
| 4 | Minimum do .. | 63·1 | 61·5 | 65·1 | 66·2 | 66·3 | 62·2 | 66·1 |
| 5 | Daily range of do ... ... | 18·3 | 20·0 | 18·3 | 14·1 | 14·2 | 21·4 | 15·3 |
| 6 | Wet Temperature in shade ... ... | 66·1 | 66 4 | 66·3 | 65·9 | 66·6 | 66·0 | 67·8 |
| 7 | Minimum do ... ... | 62·2 | 60·9 | 63·9 | 65·0 | 65·2 | 61·6 | 65·3 |
| 8 | Pressure of Aqueous Vapour ... | ·603 | ·611 | ·603 | ·597 | ·624 | ·597 | ·660 |
| 9 | Humidity ... ... ... | 84 | 85 | 82 | 84 | 88 | 83 | 92 |
| 10 | Wind Vely. in Miles p day to 8 A.M ... ... | 234 | 236 | 215 | 199 | 201 | 189 | 139 |
| 11 | Wind Direction ... ... ... | W S W | W S W | W N W | W N W | W S W | W N W | W N W |
| 12 | Rainfall in inches to 8 A M. ... ... | 0·01 | ... | ... | ... | 0·03 | ... | 0·43 |
| 13 | Total Rainfall from 1st January ... ... | 33·80 | 33·80 | 33·80 | 33·80 | 33·83 | 33·83 | 34·26 |
| 14 | Per cent of Cloudy Sky ... ... ... | 10 | 60 | 50 | 90 | 90 | 40 | 80 |
| 15 | Character of Weather .. ... ... | Fine passing clouds | Fine passing clouds | Fine passing clouds | Gloomy | Distant thunder and lightning | Fine | Thunderstorm |

# MYSORE GOVERNMENT METEOROLOGICAL DEPARTMENT.

## Daily 8 A.M. Observations for the week Sunday 26th September to Saturday 2nd October 1909.

| No. | CHITALDRUG | Sunday 26 | Monday 27 | Tuesday 28 | Wednesday 29 | Thursday 30 | Friday 1 | Saturday 2 |
|---|---|---|---|---|---|---|---|---|
| 1 | Barometer red. to 32 F. ... ... ... | 27·522 | 27·562 | 27·553 | 27·487 | 27·456 | 7·520 | 27·559 |
| 2 | Dry Temperature in shade ... ... | 71·0 | 72·0 | 71·9 | 71·5 | 71·0 | 70·0 | 75·1 |
| 3 | Maximum do ... ... | 84·9 | 85·1 | 85·9 | 78·6 | 84·1 | 84·5 | 85·1 |
| 4 | Minimum do ... ... | 65·9? | 66·2? | 67·8? | 67·8? | 65·8? | 65·8 | 67·8 |
| 5 | Daily range of do ... ... | 19·0 | 18·9 | 18·1 | 10·8 | 17·3 | 18·7 | 17·3 |
| 6 | Wet Temperature in shade ... ... | 67·0 | 67·5 | 68·5 | 69·0 | 68·0 | 66·2 | 69·3 |
| 7 | Minimum do ... ... | 65·3 | 65·5 | 66·6 | 67·4 | 66·1 | 63·6 | 65·6 |
| 8 | Pressure of Aqueous Vapour ... ... | ·613 | ·619 | ·656 | ·679 | ·649 | ·598 | ·645 |
| 9 | Humidity ... ... ... ... | 81 | 79 | 84 | 88 | 85 | 81 | 74 |
| 10 | Wind Vely. in Miles p. day to 8 A.M. ... ... | 191 | 187 | 161 | 158 | 143 | 145 | 88 |
| 11 | Wind Direction ... ... ... | W S W | W N W | W S W | W N W | W N W | W S W | W S W |
| 12 | Rainfall in inches to 8 A.M. ... ... | ... | ... | ... | 0·10 | 0·74 | ... | ... |
| 13 | Total Rainfall from 1st January ... ... | 20·22 | 20·22 | 20·22 | 20·32 | 21·06 | 21·06 | 21·06 |
| 14 | Per cent of Cloudy Sky ... ... ... | 50 | 80 | 80 | 100 | 70 | 70 | 20 |
| 15 | Character of Weather ... ... ... | Fine passing clouds | Fine passing clouds | Fine | Thunderstorm | Fine | Fine | Distant thunder and lightning |

*Dated 6th October* 1909.

N. VENKATESA IYENGAR; *Chief Observer in charge, Mysore Meteorological Dept*

718



## MYSORE GOVERNMENT METEOROLOGICAL DEPARTMENT.

*Monthly Means of Meteorological Observations for September 1909*

| Height of Observatory above Sea Level | BANGALORE 3,021 ft. | MYSORE 2,518 ft. | HASSAN 8 A.M. OBSNS. 3,149 ft. | CHITALDRUG 8 A.M. OBSNS. 2,405 ft. |
|---|---|---|---|---|
| Barometer (red. to 32° F.) ... | 26·844 | 27·348 | 26·793 | 27·489 |
| Temperatures in shade :— | | | | |
| Daily mean dry ... | 72·5 | 73·0 | 68·7 | 70·7 |
| Daily max. do ... | 80·6 | 81·7 | 78·3 | 81·6 |
| Daily min. do ... | 65·3 | 65·7 | 64·1 | 66·4 |
| Daily mean wet ... | 67·5 | 67·6 | 66·1 | 67·6 |
| Daily minimum wet ... | 64·4 | 65·0 | 63·2 | 65·6 |
| Temperatures of Radiation :— | | | | |
| Daily max. Solar Heat in Vacuo ... ... | 134·2 | ... | ... | ... |
| Daily min. Temp. on Grass.. | 64·0 | ... | ... | ... |
| Rainfall—Total in inches ... | 5·15 | 3·61 | 3·46 | 3·24 |
| Wind Direction (daily mean) ... | W | W b S | W | W |
| Velocity (miles per day)... | 208 | 221 | 213 | 182 |
| Clear Sky : Daily percentage ... | 17 | 15 | 27 | 25 |
| Bright Sunshine : Hours Daily | 4·8 | ... | ... | ... |

*Dated 11th October 1909.*

N. VENKATESA IYENGAR,
*Chief Observer in charge, Mysore Meteorological Dept.*

4 1